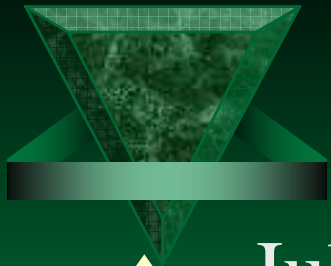


DEV/OPS

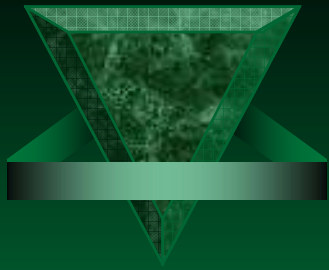
Presentation to Dev/Ops Partnership

June 20, 2006



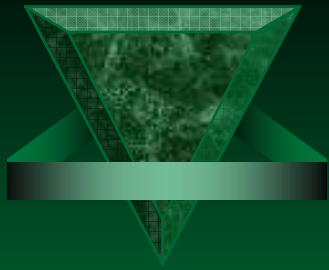
Team Members

- ◆ Julio Alvarado
- ◆ Mary Viparina
- ◆ John Lawson
- ◆ Bahram Dariush
- ◆ Carrie Satterlee
- ◆ Mike Manthey
- ◆ Mike Zimnick
- ◆ Paul Hurst
- ◆ Carla Carter



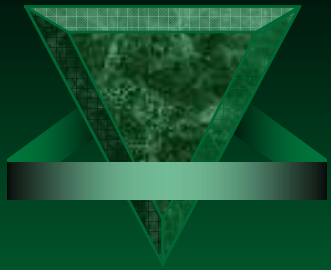
Team Recommendations

- ◆ Errors and Omissions Report
- ◆ Changed Condition by Type or Cost Report
- ◆ Single Project Change Order Report
- ◆ Create Website for Broad Information Access
- ◆ Data Validity
- ◆ Training in Supplemental Agreements



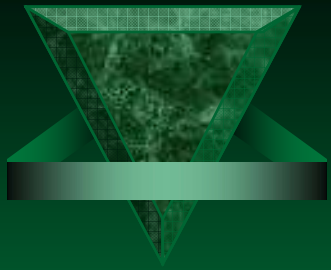
#1. Errors and Omissions Report

- ◆ Standard Quarterly Report
- ◆ Report of Change Orders through Post Design
- ◆ Shows Designer, TRACS number, Bid Amount, # of Change Orders, Dollar Value of Change Orders, % of Bid, % Complete and Original vs. Actual Budget
- ◆ Can show prime and subcontractor performance
- ◆ Assists in consultant selection



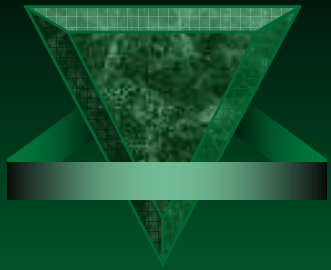
#2. Changed Conditions by Type or Cost

- ◆ Standard Quarterly Report
- ◆ Core categories: Roadside, Materials, Structures, Civil, Utilities, Contracts & Specs, Drainage and Traffic
- ◆ AD Hoc Reporting Capability for specific needs
- ◆ Allows for analysis of trends and corrective action
- ◆ Key learning tool for PMs and REs to determine root causes



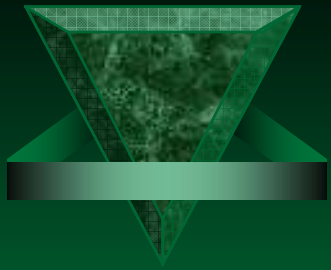
#3. Single Project Change Order Report

- ◆ As requested by Project Manager
- ◆ Shows reason codes, actual reason, dollar amount of change
- ◆ Used as a learning tool to understand history and prevent change orders in future



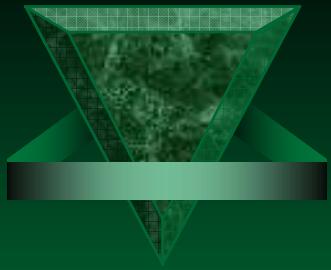
#4. Create Website for Broad Information Access

- ◆ Important information is available but not broadly available
- ◆ Inspection, VE, Project Reference, Partnering, Plans - Specs - Review and Comment sheets, 95% reviews, Back Charge info would be some examples
- ◆ Support by required, self-paced web-based training
- ◆ Locate on the G Drive or on the Intranet somewhere
- ◆ Would need resources to design and monitor



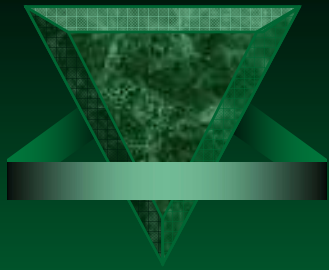
Self-paced, Web training (#4 -cont'd)

- ◆ How to use the three components of FAST
 - CPE
 - Contract Card
 - SATS
- ◆ How to look up the SATS info
 - What is available
 - What does the information mean
- ◆ How to look up budget info
- ◆ How to order more detailed, 'Ad Hoc' reports



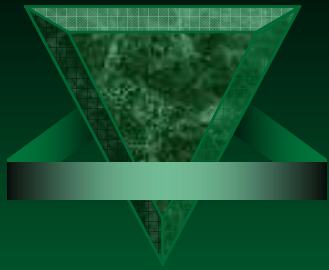
#5. Data Validity

- ◆ Important to ensure consensus on reason codes
- ◆ Joint process between the Design and Construction PM
- ◆ Data for the 2005-2006 fiscal year should be reviewed and improved for validity
- ◆ Data would then be the baseline
- ◆ Will take resources and training



Implementation Process

- ◆ Errors and Omissions
- ◆ Changed Condition by Type or Cost
- ◆ Support From Management and Dev/Ops Team
- ◆ Funding for ITG Software Development
- ◆ Construction Group will Lead Process
- ◆ Six Months to complete



Implementation Process

- ◆ Single Project Change Order Report
- ◆ Report Completed
- ◆ Training needs to be Identified

02/08/2006 10:48 am

Arizona Department of Transportation

Log

Resident Engineer: Robert Winrow Jr.

IM 010-B(006)A / H612801C

Summary

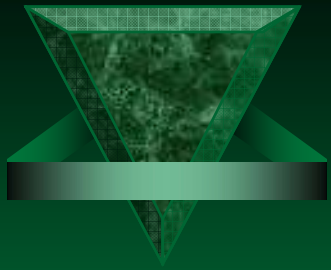
Org: 7746 Phoenix

Contract Amount	\$1,674,674.00	Total Change Orders	\$20,000.00
5% Contingency	\$83,733.70	Total Force Accounts	\$.00
Additional Requested		Total Letter Agreements	\$1,732.03
Total Available		Total SA Adjustment	\$.00
Remaining Available	\$.00	TOTAL	\$21,732.03

Reason Codes:

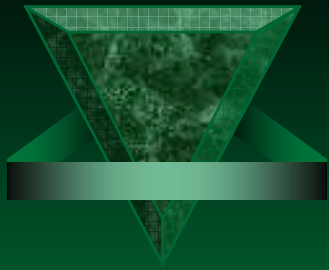
1. Value Engineering	\$.00	0 %	5. Plans Revisions / Oversights	\$.00	0 %
2. Work out of Scope (ADOT)	\$.00	0 %	6. Changed Condition	\$.00	0 %
3. Work out of Scope (Other Jur)	\$.00	0 %	7. Penalties - Bonuses	\$.00	0 %
4. Quantity Omissions	\$20,000.00	1.18 %	8. Other	\$1,732.03	0.1 %

Number	Cat	Emerg	RE	Contr	Sent	Dist	Return	Amount	SA Adjustment	Description	Accum	%
		Auth	App	App	To	App					Amount	Of Orig
		Date	Date	Date	Dist	Date	Date					Contract
C 1	4	02/22/05	03/15/05	03/10/05	03/15/05	03/18/05	08/23/05	\$20,000.00	\$.00	Civilian Flaggers	\$20,000.00	1.19 %
L 1	8	03/17/05	05/03/05	03/18/05	00/00/00	00/00/00	00/00/00	\$-830.00	\$.00	Partnering Workshop	\$19,370.00	1.18 %
L 2	8	03/17/05	10/04/05	10/05/05	00/00/00	00/00/00	00/00/00	\$2,362.03	\$.00	Conduit repair work on Miller Rd.	\$21,732.03	1.3 %



Implementation Process

- ◆ Create Website for Broad Information Access
- ◆ Evaluate Data Warehouse

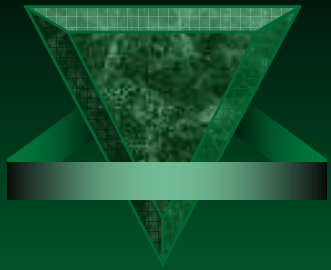


Implementation Process

- ◆ Data Validity

- ◆ Establish Team From Design and Construction to ensure consensus on reason codes

Complete baseline in
Six months



Implementation Process

- ◆ Training in Supplemental Agreements
- ◆ Update current Supplement Agreement Classes in Three Months